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Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

PTO/SB/05 (4/98)

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new non-provisional applications under 37 C.F.R. § 1.53(B))

Attorney Docket No. S01.12-0869

First Inventor or Application Identifier Hui Su et al.

Title DATA SECTOR ERROR TRACKING AND CORRECTION MECHANISM

Express Mail Label No. EV049898425US

10/07/02
U.S. PATENT AND TRADEMARK OFFICE
JCS78 U.S. 8101/07
02/07/02

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

Address To: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

- 1. *Fee Transmittal Form e.g., PTO/SB17
(Submit an original and a duplicate for fee processing)
- 2. Specification [Total Sheets **16**]
(preferred arrangement set forth below)
 - Descriptive title of the Invention)
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. § 113) [Total Sheets **5**]
- Oath or Declaration [Total Sheets **2**]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 17 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§1.63(d)(2) and 1.33(b).

- 5. Microfiche Computer Program (Appendix)
- 6. Nucleotide and/or Amino Acid Sequence Submission
(If applicable, all necessary)
 - a. Computer Readable Copy
 - b. Paper Copy (Identical to computer copy)
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

- 7. Assignment Papers (cover sheet & document(s))
- 8. 37 C.F.R. § 3.73(b) Statement (when there is an assignee) Power of Attorney
- 9. English Translation Document
- 10. Information Disclosure Statement (IDS/PTO – PTO) Copies of IDS
- 11. Preliminary Amendment
- 12. Return Receipt Postcard (MPEP 503)
- 13. *Small Entity Statement filed in prior application. Status still proper and desired (PTO/SB/09-12)
- 14. Certified Copy of Priority Document(s) (if foreign priority is claimed)
- 15. Request and Cert. Under 35 USC 122 (Non-Pub)
- 16. Other:

* NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

Continuation Divisional Continuation –in part (CIP) of prior application No: _____
Prior application information: Examiner _____ Group/Art Unit: _____

FOR CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE

Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or Correspondence address below

| | | | | | |
|---------|--|-----------|----------------|----------|----------------|
| Name | Todd R. Fronek WESTMAN CHAMPLIN & KELLY | | | | |
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| | | | |
|-------------------|----------------|-----------------------------------|--------|
| Name (Print/type) | Todd R. Fronek | Registration No. (Attorney/Agent) | 48,516 |
| Signature | | Date | 2/7/02 |

FEE TRANSMITTAL

Complete if Known

| | |
|----------------------|---|
| Application No. | |
| Filing Date | HEREWITH |
| First Named Inventor | Hui Su |
| Title | DATA SECTOR ERROR TRACKING AND CORRECTION MECHANISM |
| Group Art Unit | |
| Examiner Name | |
| Atty. Docket Number | S01.12-0869 |

Total Amount of Payment \$ 780

METHOD OF PAYMENT (Check One)

FEE CALCULATION (Continued)

1. The Director is hereby authorized to charge any additional fee required under 37 C.F.R. § 1.16 and 1.17, including any petition fee, and credit any over payments to Deposit Account No. 23-1123.
Westman, Champlin & Kelly, P.A.

2. Check Enclosed

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | | Small Entity | | Fee Description |
|----------------------------|----------|--------------|----------|--|
| Code | Fee (\$) | Code | Fee (\$) | |
| 101 | 740 | 201 | 370 | <input checked="" type="checkbox"/> Utility Filing Fee |
| 106 | 330 | 206 | 165 | <input type="checkbox"/> Design Filing Fee |
| 108 | 740 | 208 | 370 | <input type="checkbox"/> Reissue Filing Fee |
| | 160 | 214 | 80 | <input type="checkbox"/> Prov. Filing Fee |
| Subtotal (1) \$ 740 | | | | |

2. EXTRA CLAIM FEES

| | Number Claims | Prior** | Extra | Fee from Below | Fee Paid |
|--------|---------------|---------|-------|----------------|----------|
| Total | 20 | 20 | 0 | 18 | 0 |
| Indep. | 3 | 3 | 0 | 84 | 0 |

Multiple Dependent Claims

** Insert 3 and 20, or number previously paid if greater; Reissue see below


| Large Entity | | Small Entity | | Description |
|--------------|----------|--------------|----------|---|
| Code | Fee (\$) | Code | Fee (\$) | |
| 103 | 18 | 203 | 9 | Claims in excess of 20 |
| 102 | 84 | 202 | 42 | Independent claims in excess of 3 |
| 104 | 280 | 204 | 140 | Multiple Dependent Claims |
| 109 | 84 | 209 | 42 | Reissue Independent Claims over Original Patent |
| 110 | 18 | 210 | 9 | Reissue claims in excess of 20 and over original patent |

Subtotal (2) \$ 0

3. ADDITIONAL FEES

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|---------------------------|----------|--------------|----------|--|----------|
| Code | Fee (\$) | Code | Fee (\$) | | |
| 105 | 130 | 205 | 65 | Surcharge - Late filing fee or oath | |
| 127 | 50 | 227 | 25 | Surcharge - Late provisional Filing Fee or cover sheet | |
| 139 | 130 | 139 | 130 | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | For Filing a Request for Reexamination. (ex parte) | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | |
| 116 | 400 | 216 | 200 | Extension for reply within second month | |
| 117 | 920 | 217 | 460 | Extension for reply within third month | |
| 118 | 1,440 | 218 | 720 | Extension for reply within fourth month | |
| 128 | 1,960 | 280 | 980 | Extension for reply within fifth month | |
| 120 | 320 | 220 | 160 | Filing a brief in support of an appeal | |
| 121 | 280 | 221 | 140 | Request for oral hearing | |
| 148 | 110 | 248 | 55 | Terminal Disclaimer Fee | |
| 140 | 110 | 240 | 55 | Petition to Revive - unavoidable | |
| 141 | 1,310 | 241 | 670 | Petition to Revive - unintentional | |
| 142 | 1,310 | 242 | 670 | Utility/Reissue issue fee (inc. advance copies) | |
| 143 | 490 | 243 | 260 | Design issue fee (inc. advance copies) | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| 123 | 50 | 123 | 50 | Petitions related to provisional applications | |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure Statement | |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | 40 |
| Other Fee (specify) _____ | | | | | |

Subtotal (3) \$40

Signature 
(Todd R. Fronek)

Reg. No. 48,516

Date 2/7/02

Deposit Account No. 23-1123